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DB=USPT; PLUR=NO; OP=OR

☐ L4 L2 and patent\$.ab.

8

☐ L3 L2 and patent\$.ti.

3

☐ L2 (mark\$ near patent\$)

1002

DB=PGPB; PLUR=NO; OP=OR

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1 [From text to hypertext by indexing](#)



Airi Salminen, Jean Tague-Sutcliffe, Charles McClellan

 January 1995 **ACM Transactions on Information Systems (TOIS)**, Volume 13 Issue 1

Publisher: ACM Press

 Full text available: [pdf\(1.98 MB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

A model is presented for converting a collection of documents to hypertext by means of indexing. The documents are assumed to be semistructured, i.e., their text is a hierarchy of parts, and some of the parts consist of natural language. The model is intended as a framework for specifying hypertextual reading capabilities for specific application areas and for developing new automated tools for the conversion of semistructured text to hypertext. In the model, two well-known paradigms— ...

Keywords: constrained grammars, grammars, hypertext, properties, structured text, test types, text entities, transient hypergraphs

2 [Legally speaking](#)



Rosalie Steier

 February 1989 **Communications of the ACM**, Volume 32 Issue 2

Publisher: ACM Press

 Full text available: [pdf\(331.37 KB\)](#)

 Additional Information: [full citation](#), [index terms](#)

3 [Filtering and retrieval models: An empirical study on retrieval models for different document genres: patents and newspaper articles](#)



Makoto Iwayama, Atsushi Fujii, Noriko Kando, Yuzo Marukawa

 July 2003 **Proceedings of the 26th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '03**

Publisher: ACM Press

 Full text available: [pdf\(419.99 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Reflecting the rapid growth in the utilization of large test collections for information retrieval since the 1990s, extensive comparative experiments have been performed to explore the effectiveness of various retrieval models. However, most collections were

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intended for retrieving newspaper articles and technical abstracts. In this paper, we describe the process of producing a test collection for patent retrieval, the NTCIR-3 Patent Retrieval Collection, which includes two years of Japanese pat ...

Keywords: patent retrieval, retrieval models, test collections

4 LID 1: Intellectual property aspects of web publishing



Holger M. Kienle, Daniel German, Scott Tilley, Hausi A. Müller

October 2004 **Proceedings of the 22nd annual international conference on Design of communication: The engineering of quality documentation SIGDOC '04**

Publisher: ACM Press

Full text available: [pdf\(153.91 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper addresses how intellectual property affects the Web in general, and content publishing on the Web in particular. Before its commercialization, the Web was perceived as being free and unregulated; this assumption is no longer true. Nowadays, content providers need to know which practices on the Web can result in potential legal problems. The vast majority of Web sites are developed by individual such as technical writers or graphic artists, and small organizations, which receive lim ...

Keywords: copyright, hypermedia, intellectual property, link law, open content, patents, trademarks, world wide web

5 A patent search and classification system



Leah S. Larkey

August 1999 **Proceedings of the fourth ACM conference on Digital libraries DL '99**

Publisher: ACM Press

Full text available: [pdf\(164.37 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: applications, classification, digital libraries, information retrieval, patents, systems, text categorization

6 Evaluating document retrieval in patent database: a preliminary report



Mark Osborn, Tomek Strzalkowski, Mihnea Marinescu

January 1997 **Proceedings of the sixth international conference on Information and knowledge management CIKM '97**

Publisher: ACM Press

Full text available: [pdf\(811.55 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

7 NSF workshop on industrial/academic cooperation in database systems



Mike Carey, Len Seligman

March 1999 **ACM SIGMOD Record**, Volume 28 Issue 1

Publisher: ACM Press

Full text available: [pdf\(1.96 MB\)](#) Additional Information: [full citation](#), [index terms](#)

8

Scalable feature selection, classification and signature generation for organizing large

text databases into hierarchical topic taxonomies

Soumen Chakrabarti, Byron Dom, Rakesh Agrawal, Prabhakar Raghavan

August 1998 **The VLDB Journal — The International Journal on Very Large Data****Bases**, Volume 7 Issue 3**Publisher:** Springer-Verlag New York, Inc.Full text available:  pdf(281.37 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

We explore how to organize large text databases hierarchically by topic to aid better searching, browsing and filtering. Many corpora, such as internet directories, digital libraries, and patent databases are manually organized into topic hierarchies, also called *taxonomies*. Similar to indices for relational data, taxonomies make search and access more efficient. However, the exponential growth in the volume of on-line textual information makes it nearly impossible to maintain such taxono ...

9 A functional taxonomy for software watermarking

Jasvir Nagra, Clark Thomborson, Christian Collberg


January 2002 **Australian Computer Science Communications , Proceedings of the twenty-fifth Australasian conference on Computer science - Volume 4****ACSC '02**, Volume 24 Issue 1**Publisher:** Australian Computer Society, Inc., IEEE Computer Society PressFull text available:  pdf(1.19 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Despite the recent surge of interest in digital watermarking technology from the research community, we lack a comprehensive and precise terminology for software watermarking. In this paper, we attempt to fill that gap by giving distinctive names for the various protective functions served by software watermarks: Validation Mark, Licensing Mark, Authorship Mark and Fingerprinting Mark. We identify the desirable properties and specific vulnerabilities of each type of watermark, and we illustrate ...

Keywords: authentication, fingerprint, software authorship, software licensing, steganography, watermark

10 Frontmatter (TOC, Letters, Open Source Software (OSS) Patent Search Engine, Calendar of Events, Workshop and Conference Information)

ACM SIGSOFT Software Engineering Notes staff

March 2005 **ACM SIGSOFT Software Engineering Notes**, Volume 30 Issue 2**Publisher:** ACM PressFull text available:  pdf(564.92 KB) Additional Information: [full citation](#), [index terms](#)11 Digital signets: self-enforcing protection of digital information (preliminary version)

Cynthia Dwork, Jeffrey Lotspiech, Moni Naor

July 1996 **Proceedings of the twenty-eighth annual ACM symposium on Theory of computing STOC '96****Publisher:** ACM PressFull text available:  pdf(1.24 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)12 Revisiting Document Length Hypotheses: A Comparative Study of Japanese Newspaper and Patent Retrieval

Sumio Fujita

June 2005 **ACM Transactions on Asian Language Information Processing (TALIP)**, Volume 4 Issue 2

Publisher: ACM Press

Full text available:  pdf(337.61 KB) Additional Information: [full citation](#), [index terms](#)

13 Software watermarking: models and dynamic embeddings



Christian Collberg, Clark Thomborson

January 1999 **Proceedings of the 26th ACM SIGPLAN-SIGACT symposium on Principles of programming languages POPL '99**

Publisher: ACM Press

Full text available:  pdf(2.19 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

14 Linux Gazette: History of the Portable Network Graphics (PNG) Format

Greg Roelofs

April 1997 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available:  html(21.17 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

15 Can text analysis tell us something about technology progress?

Khurshid Ahmad, AbdulMohsen Al-Thubaity

July 2003 **Proceedings of the ACL-2003 workshop on Patent corpus processing - Volume 20**

Publisher: Association for Computational Linguistics

Full text available:  pdf(113.52 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

A corpus-based diachronic analysis of patent documents, based mainly on the morphologically productive use of certain terms can help in tracking the evolution of key developments in a rapidly evolving specialist field. The patent texts were obtained from the US Patent & Trade Marks Office's on-line service and the terms were extracted automatically from the texts. The chosen specialist field was that of fast-switching devices and systems. The method presented draws from literature on bibliometrics ...

16 A common architecture for different text processing techniques in an information retrieval environment



G. Thurmaier

September 1986 **Proceedings of the 9th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '86**

Publisher: ACM Press

Full text available:  pdf(734.05 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The following paper gives an overview on a text processing software called REALIST (Retrieval Aids by Linguistics and Statistics) which integrates different text processing techniques into a common surface. It supports the user by offering the environment of a given term, using morphological, syntactic and statistic means. The user can call up the processing results, use it for indexing, classification or retrieval purposes and combine them as he wishes e.g. to set up a search logic. The te ...

17 Extracting sentence segments for text summarization: a machine learning approach



Wesley T. Chuang, Jihoon Yang

July 2000 **Proceedings of the 23rd annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '00**

Publisher: ACM Press

Additional Information:


Full text available:  pdf(945.26 KB)[full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

With the proliferation of the Internet and the huge amount of data it transfers, text summarization is becoming more important. We present an approach to the design of an automatic text summarizer that generates a summary by extracting sentence segments. First, sentences are broken into segments by special cue markers. Each segment is represented by a set of predefined features (e.g. location of the segment, average term frequencies of the words occurring in the segment, number of title words ...

Keywords: machine learning, sentence segment extraction, text summarization

18 Secure virtual private networks: the future of data communications

Eli Herscovitz

August 1999 **International Journal of Network Management**, Volume 9 Issue 4**Publisher:** John Wiley & Sons, Inc.Full text available:  pdf(230.05 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The Internet is an almost ideal means for information retrieval and exchange. It is cost-effective, easy to use and easily accessible. However, it can also be susceptible to devious practices such as data tempering, eavesdropping and theft. This paper analyses secure virtual private networks ∥VPNs) and their use in countering the problems of the Internet. Copyright © 1999 John Wiley & Sons, Ltd.

19 Making global digital libraries work: collection services, connectivity regions, and collection views

Carl Lagoze, David Fielding, Sandra Payette

May 1998 **Proceedings of the third ACM conference on Digital libraries DL '98****Publisher:** ACM PressFull text available:  pdf(1.25 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

20 Tamper-proofing software watermarks

Clark Thomborson, Jasvir Nagra, Ram Somaraju, Charles He

January 2004 **Proceedings of the second workshop on Australasian information security, Data Mining and Web Intelligence, and Software Internationalisation - Volume 32 ACSW Frontiers '04****Publisher:** Australian Computer Society, Inc.Full text available:  pdf(249.93 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We introduce a novel method called *constant encoding*, which can be used to tamper-proof a software watermark that is embedded in the dynamic data structures of a program. Our novel tamper-proofing method is based on transforming numeric or non-numeric constant values in the text of the watermarked program into function calls whose value depends on the watermark data structure. Under reasonable assumptions about the knowledge and resources of an attacker, we argue that no attacker can be c ...

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Lagoze, Charles He

Proceedings of the second workshop on Australasian information security, Data Mining and Web Intelligence, and Software Internationalisation - Volume 32 ACSW Frontiers '04